

ABSTRACT

A portable bar code reading terminal includes an ASIC having circuitry for both a laser scanner and an imager. The terminal also includes a data blender for distributing data from multiple sources to multiple destinations based on the type and/or content of the data. The ASIC further provides circuitry for at least one of the following functions: power management, wake up control and power down, critical suspend shutdown, warm and cold boot functions, serial ports, matrix keyboard scanning, analog converters, touch panel, modular memory IDE interface, imaging support, finger print reader, USB host, and a magnetic stripe interface.

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